

## **Press release**

4<sup>th</sup> of June 2009

### **Successful reliability test with fuel cells**

Yesterday, as part of the fuel cell test program at TeliaSonera, a fuel cell was put to a difficult test. After 16 months of stand-still with no conditioning routines whatsoever during the stand-still the Cellkraft S-1000 fuel cell started up successfully and powered a telecom station. The ability to start up reliably after a long stand-still is of great importance for back-up applications.

The fuel cell is the first fuel cell installed in the Swedish telecom grid and was delivered and installed in September 2005. A unique feature for Cellkraft fuel cells is that they are able to start up after a long period of stand still without regular conditioning routines. Most other brands of back-up fuel cells require regular start/stop operation to ensure ability to start up reliably. The test yesterday is part of TeliaSonera's test program for fuel cells where fuel cells are tested in different telecom stations mostly located in Småland, Sweden.

Telecom stations are normally powered from the normal electricity grid. Should a grid failure occur a back-up system will provide the power. Traditionally the back-up system is based on batteries or a diesel generator set. In some applications fuel cells can give advantages in form of longer back-up time to a lower cost. Fuel cells can only become a serious choice for back-up solutions when their reliability is a proven fact.

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